Birch-Alston Classification coding (Young people)

Birch-Alston classification is based on a combination of behavioural codes, morphology and topology codes detailed below.

In this document:

- Topography = Topography Code (ICD-O(2/3))
- Morphology = Cancer morphology (4 digit) (ICD-O(3))
- Cancer behaviour = Cancer behaviour (ICD-O(3))
  - All behaviour code of 6 or 9 were coded to 3.

1. Leukaemias.

If Cancer behaviour = 3

11 Acute lymphoid leukaemia (ALL)

- Morphology is 9826, 9827, 9831, 9832, 9833, 9834, 9835, 9836, 9837, or 9948
- Morphology is 9811 and Topography is C421

12 Acute myeloid leukaemia (AML)

- Morphology is 9840, 9861, 9866, 9871, 9872, 9873, 9874, 9891, 9910, 9942, 9895, 9896, 9897, 9920
- Morphology is 9869 and Topography is C421

13 Chronic myeloid leukaemia (CML)

- Morphology is 9863, 9875, or 9876

14 Other and unspecified leukaemias.

- Morphology is 9733, 9742, 9800, 9801 9805, 9820, 9822, 9823, 9830, 9831, 9841, 9842, 9850, 9860, 9862, 9864, 9865, 9867, 9868, 9870, 9880, 9890, 9892, 9893, 9894, 9900, 9920, 9930, 9931, 9932, 9940, 9941, 9945, 9946, 9963, or 9964

*2. Lymphomas.

If Cancer behaviour = 3

21 Non-Hodgkin Lymphoma (NHL)

- Morphology is between 9593-9649 or 9670-9714, or is 9590, 9591, 9592, 9716, 9717, 9718, 9719, 9723, 9727, 9728, 9729, or 9755
- Morphology is 9971 and Topography is C209
22 Hodgkin Lymphoma (HL).
   - Morphology is between 9651-9667 or is 9650

*3. CNS and other intracranial and intraspinal neoplasms.

31 Astrocytoma
If Cancer behaviour < =3
   - Morphology is 9380 and Topography is C723
   - Morphology between 9410-9420, 9422-9424 or is 9400, 9421, 9401, 9440, 9441, 9442

32 Other glioma
If Cancer behaviour <= 3
   - Morphology is 9450, 9430, 9444, 9451, 9460, or between 9381-9384
   - Morphology is 9380 and Topography is C723
   - Morphology is 9431 and Topography is C712

33 Ependymoma
If Cancer behaviour< = 3
   - Morphology is between 9391-9394

34 Medulloblastoma and other PNET
If Cancer behaviour< = 3
   - Morphology is 9260, 9474 or between 9364-9365 or 9470-9473, and Topography is C716
   - Morphology is 9260, 9474, or between 9364-9365 or 9470-9473
   - Topography is between C700-C729 and not C716

35 Other spc CND, intracranial and intraspinal
If Cancer behaviour < =3
   - Morphology is 9390 or between 9350-9352 or 9530-9539
   - Morphology is NOT 9350, 9582, or between 9060,9102 and Topography is C751 or C752
   - Morphology NOT between 9060,9102 and Topography is C753
   - Morphology is 9571 or is between 9540-9570, and Topography is between C700-C729
   - Morphology is 8140, 8300, 9161, 9480, 9505, 9493, 9508 or between 8270-8281, and Topography is between C700-C729
   - Morphology is 9582 and Topography is C751
   - Morphology is 9506 and Topography is C719

36 Unspec intracranial and intraspinal neoplasms.
If Cancer behaviour = 3

- Morphology is 8000, 8001, 8002, 8003, 8004, 8010, or 9990, and Topography is between C700-C729

If Cancer behaviour < 3

- Morphology is 8000, 8001, 8002, 8003, 8004, 8010, or 9990 and Topography is between C700-C729

*4. Bone tumours, do as for CNS, create sub groups and then create wider groups.

If Cancer behaviour = 3

41 Osteosarcoma

- Morphology is 9192, 9193, 9194, 9195 or is between 9180-9187

42 Chondrosarcoma

- Morphology is 9242, 9243 or between 9220-9240

43 Ewing sarcoma

- Morphology is 9260, 9474, or between 9364-9365 or 9470-9473, and Topography is between C400-C419
- Morphology is 9260, 9474, or between 9364-9365 or 9470-9473 and Topography is NOT C787,C800,C809, or between C400-C419, C760-C769, or C700-C729
- Morphology is 9260, 9474, or between 9364-9365 or 9470-9473, and Topography is C787, C800, C809, or between C760-C769

44 Other bone tumours.

- Morphology is 8812, 9250, 9261, 9370, 9371, or 9372
- Morphology is 8000, 8001, 8002, 8003, 8004, 8800, 8801, 8803, 8805, or 8806, and Topography is between C400-C419

*5. Soft tissue sarcomas.

If Cancer behaviour = 3

51 Fibromatous neoplasms

- Morphology is 8810, 8811, 8813, 8814, 8815, 8830, 8832, 8833, 8835, or 8836
- Morphology is 8825 and Topography is C491 or C629

52 Rhabdomyosarcoma
• Morphology is 8921, 8991, or between 8900-8920

53 Other specified soft tissue sarcoma

• Morphology is between 8850-8881, 8890-8896, 9040-9043, or is 9044
• Morphology is between 9120-9160 or 9161 and Topography is not between C700-C729
• Morphology is between 9540-9570 or is 9571, and Topography is not between C700-C729
• Morphology is 9581, 8804, 8840, 8990, 9014, 9015, 9170, 9251, 9252, 9561, or 9580

54 Unspec soft tissue sarcoma.

• Morphology is 8800, 8801, 8802, 8803, 8805, or 8806 and Topography is not between C400-C419


If Cancer behaviour = 3

61 Gonadal

• Morphology is 9103, 9104, 9105 or between 9060-9102, and Topography is C569, C620, C621, C622, C623, C624, C625, C626, C627, C628, or C629
• Morphology is between 8010-8239 or 8246-8580 and Topography is C620, C621, C622, C623, C624, C625, C626, C627, C628, or C629

62 Non-gonadal.

• Morphology is 9103, 9104, 9105, or between 9060-9102, and Topography is C751, C752, C753 or between C700-C729)

(Cancer behaviour = 3)

• Morphology is 9103, 9104, 9105, or between 9060-9102, and Topography is not C569, C751, C752, C753, or between C620-C629 or C700-C729

*7. Melanoma and skin carcinoma.

If Cancer behaviour = 3

71 Melanoma

• Morphology is between 8720-8780, and Topography is not C751, C752, or C753

72 Skin carcinoma.

• Morphology is between 8010-8589 Topography is between C440-C449
8. Carcinomas.

If Cancer behaviour = 3

81 Thyroid carcinoma
- Morphology is between 8010-8589 or is 8982 and Topography is C739

82 Other carcinoma of head and neck
- Morphology is between 8010-8589 or is 8982, and Topography is between C110-C119
- Morphology is between 8010-8589 or is 8982, and Topography is between C000-C109 or C120-C148
- Morphology, 8010-8589 or is 8982 and Topography is between C300-C329 or is C760

83 Carcinomas of trachea, bronchus and lung
- Morphology is between 8010-8589 or is 8982, and Topography is between C330-C349

84 Breast carcinoma
- Morphology is between 8010-8589 or is 8982 and Topography is between C500-C509

85 Carcinoma of GU tract
- Morphology is between 8010-8589 or is 8982, and Topography is C649
- Morphology is between 8010-8589 or is 8982, and Topography is between C670-C679
- Morphology is between 8010-8589 or is 8982 and Topography is C569
- Morphology is between 8010-8589 or is 8982 and Topography is between C530-C539, C540-C559, or C570-C579
- Topography is between C600-C619, C630-C639, C680-C689 or is C659 or C669

86 Carcinoma of GI tract
- Morphology is between 8010-8589 or is 8982 and Topography is between C180-C218, C160-C169, C220-C229, C250-C259, C150-C159, C170-C179, or C230-C249, or C260-C269

87 Other carcinomas.
- Morphology is between 8010-8589 or is 8982 and Topography is between C740-C749
- Morphology is between 8010-8589 or is 8982, and Topography is not between C440-C449, C620-C629, C700-C729, or between C751-C753

9. Misc specified neoplasms NEC.

If Cancer behaviour = 3

91 Other paediatric and embryonal tumours NEC
• Morphology is 8959, 9490, 9500, 8963, 8964, 8970, 8971, 8972, 8973, 8981 or between 8960-8962 or 9501-9523

92 Other specified neoplasms NEC.

• Morphology is between 8680-8710, 9720-9754, 9756-9764, 8930-8951, 9050-9053, 9270-9330 or is 8711, 8980, 9020, 9110, or 9342
• Morphology is between 8600-8650, 8240-8245 or is 9000 or 8670, and Topography is between C620-C629

*10. Unspecified malignant neoplasms NEC.

If Cancer behaviour =3

• Morphology, 8000, 8001, 8002, 8003, 8004, 8005, or 9990 and Topography is not between C400-C419, C700-C729, or C751-C753
• Morphology is 8000 and Topography is C173
• Morphology is 8000 and Topography is C629
• Morphology is 8000 and Topography is C739
• Morphology is 8000 and Topography is C447
• Morphology is 8001 and Topography is C499